

## 23.—Bibliography

(Publications containing references to Rottnest Island)

Compiled by D. L. Serventy and K. Sheard

Alexander, W. B. (1914).—The history of zoology in Western Australia. Part 1.—Discoveries in the 17th Century. *J. W. Aust. Nat. Hist. Soc.* 5: 49-64. [Refers to the visits of Volckersen in 1658 (p. 52) and Fleming in 1696 (p. 54).]

— (1916).—History of zoology in Western Australia. Part 2.—1791-1829. *J. & Proc. Roy. Soc. W. Aust.* 1: 83-149. [Observations of Peron's naturalist, Baily, translated on p. 100; P.P. King's visit on p. 123.]

— (1917).—History of zoology in Western Australia. Part 3.—1829-1840. *J. & Proc. Roy. Soc. W. Aust.* 3: 37-69. [Visits of early settlers referred to on pp. 39, 68.]

— (1920).—Crested Penguins in Western Australia. *Emu* 19: 295-296. [*Eudyptes chrysocome* on Rottnest I.]

— (1932).—*Emu* 32: 128. [Letter to Editor about Cormorants on Rottnest Island, Western Australia.]

Ashby, E. (1929).—Contributions to the fauna of Rottnest Island No. 2. Polyplacophora. *J. Roy. Soc. W. Aust.* 15: 47-54.

Bartholomew, G. A. (1956).—Temperature regulation in the macropod marsupial, *Setonix brachyurus*. *Physiol. Zool.* 29: 26-40.

Bentley, P. J. (1955).—Some aspects of the water metabolism of an Australian marsupial *Setonyx brachyurus*. *J. Physiol.* 127: 1-10.

Buttle, J. M., Kirk, R. L., and Waring, H. (1952).—The effect of complete adrenalectomy on the wallaby *Setonyx brachyurus*. *J. Endocrin.* 8: 281-290.

Calaby, J. H. (1958).—Studies on marsupial nutrition II. The rate of passage of food residues and digestibility of crude fibre and protein by the quokka, *Setonix brachyurus* (Quoy and Gaimard). *Aust. J. Biol. Sci.* 11: 571-580.

Campbell, A. J. (1890).—A naturalist in Western Australia—Rottnest Island. *Australasian* (Melbourne), May 10: 936.

Carrigy, M. A., and Fairbridge, R. W. (1954).—Recent sedimentation, physiography and structure of the continental shelves of Western Australia. *J. Roy. Soc. W. Aust.* 38: 65-95.

Churchill, D. M. (1959).—Late Quaternary eustatic changes in the Swan River District. *J. Roy. Soc. W. Aust.* 42: 53-55.

Clark, J. (1929).—Contributions to the fauna of Rottnest Island, No. 3. The ants. *J. Roy. Soc. W. Aust.* 15: 55-56.

Clarke, J. R. (1948).—Anatomy of the quokka *Setonix brachyurus* (Quoy and Gaimard) Part I.—External morphology and large intestine. *J. Roy. Soc. W. Aust.* 33: 59-150.

Cotton, B. C. (1929).—Contributions to the fauna of Rottnest Island. No. 4. Western Australian Sepiidae. *J. Roy. Soc. W. Aust.* 15: 87-94.

Dunnet, G. M. (1956).—A population study of the quokka, *Setonix brachyurus* Quoy & Gaimard (Marsupialia). I. Techniques for trapping and marking. *C.S.I.R.O. Wildl. Res.* 1: 73-78.

Dunnet, G. M. and MacLean, L. (1956).—Whimbrel on Rottnest in winter. *W. Aust. Nat.* 5: 72.

Erickson, R. (1951).—Quokka feeding on introduced snail and stinkwort. *W. Aust. Nat.* 3: 41. [*Setonix brachyurus* eating *Helix pisana* and *Imula graveolens*.]

Fairbridge, R. W. (1954).—Quaternary eustatic data for Western Australia and adjacent states. *Proc. Pan-Ind. Ocean Sci. Congr.* Perth, Sect. F: 64-84.

Ford, J. R. (1958).—Occurrence of Fork-tailed Swift in the south-west, 1956. *W. Aust. Nat.* 6: 106-107. [*Apus pacificus* observed January.]

George, R. W. (1958).—The status of the "white" crayfish in Western Australia. *Aust. J. Mar. & Freshw. Res.* 9: 537-545.

Glauert, L. (1926).—A list of Western Australian fossils. Supplement No. 1, 1925. *Bull. Geol. Surv. W. Aust.* 88: 36-71. [Pleistocene mollusca listed from Rottnest I.]

— (1929).—Contributions to the fauna of Rottnest Island. No. 1. Introduction and vertebrates. *J. Roy. Soc. W. Aust.* 15: 37-46.

— (1947).—A Rottnest puzzle. *W. Aust. Nat.* 1: 22. [Discussion of L. Freycinet's statement (in Peron's "Voyage de Decouvertes aux Terres Australes", 1, 1807: 188-189) that two macropod marsupials occurred on Rottnest I; a recording error inferred through confusion with the Tammar on Garden I.]

— (1951).—Recent records of the Oarfish. *W. Aust. Nat.* 2: 195-196. [*Regalecus glesne* in December 1950.]

Glauert, L. and Jenkins, C. F. H. (1931).—Contributions to the fauna of Rottnest Island. No. 7. Notes on the Banded Stilt (*Cladorhynchus leucocephalus*) with a description of its eggs. *J. Roy. Soc. W. Aust.* 17: 1-6.

Hale, H. M. (1948).—Australian Cumacea. No. 14. Further notes on the genus *Cyclaspis*. *Rec. S. Aust. Mus.* 9: 1-42. [Includes a number of species of this Crustacean genus taken with a submarine light-trap in Thompson Bay.]

— (1949).—Australian Cumacea. No. 15. The Family Bodotriidae (cont.). *Rec. S. Aust. Mus.* 9: 107-125. [Species from Thompson Bay.]

— (1949).—Australian Cumacea. No. 16. The Family Nannastacidae. *Rec. S. Aust. Mus.* 9: 225-245. [Species from Thompson Bay.]

— (1951).—Australian Cumacea. No. 17. The Family Diastyliidae (cont.). *Rec. S. Aust. Mus.* 9: 353-370. [Species from Thompson Bay.]

Hodgkin, E. P. (1959).—Catastrophic destruction of the littoral fauna and flora near Fremantle, January 1959. *W. Aust. Nat.* 7: 6-11. [Mortalities due to combination of exceptionally low tides and summer heat; Rottnest reefs discussed.]

Hodgkin, E. P. and Di Lollo, V. (1958).—The tides of south-western Australia. *J. Roy. Soc. W. Aust.* 41: 42-54.

Jackson, A. (1931).—The Oligochaeta of south-western Australia. *J. Roy. Soc. W. Aust.* 17: 71-136.

Kilpatrick, A. G. (1932).—Birds of Rottnest Island, W.A. *Emu* 32: 30-31.

King, P. P. (1826).—“Narrative of a Survey of the Intertropical and Western Coasts of Australia”: London [Description of a visit on January, 14, 1822 (summarised by Alexander 1916, p. 123).]

Kott, P. (1952).—The Ascidians of Australia I. Stolidobranchiata Lahille and Phlebobranchiata Lahille. *Aust. J. Mar. Freshw. Res.* 3: 205-333.

— (1957).—The Ascidians of Australia II. Aplousobranchiata Lahille: Clavelinidae Forbes & Hanly and Polyclinidae Verrill. *Aust. J. Mar. Freshw. Res.* 8: 64-110.

Lawson, F. (1905).—A visit to Rottnest Island, W.A. *Emu* 4: 129-132. [Commonly cited elsewhere under Whitlock, F. Lawson. Gives detailed account of bird-life.]

MacLean, L. and van der Heyden, L. (1956).—Sooty Oystercatcher at Rottnest. *W. Aust. Nat.* 5: 119.

MacPherson, J. H. (1957).—A review of the genus *Coxiella* Smith, 1894, *sensu lato*. *W. Aust. Nat.* 5: 191-204. [*Coxiella striatula* (Menke) from Lakes Ursula and Bagdad.]

Main, A. R. (1956).—The role of pure research in conservation. *W. Aust. Fish. Dept. Fauna Bull.* 1: 12-15.

Mathews, W. H. (1930).—Contributions to the fauna of Rottnest Island. No. 6. Notes on the Odonata and Neuroptera. *J. Roy. Soc. W. Aust.* 16: 41-44.

McArthur, W. M. (1957).—Plant ecology of the coastal islands near Fremantle, W.A. *J. Roy. Soc. W. Aust.* 40: 46-64.

McCrum, E. and Slater, P. (1955).—Record of the Silver-grey Petrel from Rottnest, *W. Aust. Nat.* 4: 192.

Mertens, R. (1958).—Neue Eidechsen aus Australien. *Senck. biol. (Frankfurt am Main)*, 39 (1/2): 51-56. [pp. 52-53. *Trachydosaurus rugosus konowi* subsp. nov., from Rottnest I.]

—(1958).—"Quer durch Australien. Biologische Aufzeichnungen über eine Forschungsreise". *Senckenbergiana*. 1 pp. 41-45, biological impressions of Rottnest I.]

Michaelsen, W. and Hartmeyer, R. (1907-30).—"Die Fauna Südwest-Australiens. Ergebnisse der Hamburger sudwest-australischen Forschungsreise 1905." (5 vols.) (Gustav Fischer: Jena.) [Rottnest I. was a collecting station for invertebrates. A general account of the Island and its environment by W. Michaelsen appears in 1 (1), 1907: 12-21.]

Moir, R. J., Sharman, G., Somers, M., and Waring, H. (1954).—Ruminant-like digestion in a marsupial. *Nature, Lond.* 173: 269-270.

Moir, R. J., Somers, M., and Waring, H. (1956).—Studies in marsupial nutrition I. Ruminant-like digestion in a herbivorous marsupial (*Setonix brachyurus* Quoy & Gaimard). *Aust. J. Biol. Sci.* 9: 293-304.

Nicholls, A. G. (1942).—Marine Copepoda from Western Australia. 1. Littoral Harpacticoids from Rottnest Island. *J. Roy. Soc. W. Aust.* 27: 135-141.

Nicholls, G. E. (1929).—Some new species of *Stenotrium* from Western Australia. *Proc. Linn. Soc. N.S.W.* 54: 361-374.

—(1933).—The composition and biogeographical relations of the fauna of Western Australia. *Rep. Aust. Ass. Advanc. Sci.* No. 21: 93-138. [The brine shrimp, *Parartemia zietziana* and the isopod, *Haloniscus salina*, recorded from salt lakes.]

—(1939).—The Prophliantidae. A proposed new family of Amphipoda, with description of a new genus and four new species. *Rec. S. Aust. Mus.* 6: 309-334. [Crustacea, Amphipoda: *Prophlias anomalus* described from Bathurst Point.]

Peron, F. and de Freycinet, L. (1807-1816).—*Voyage de Découvertes aux Terres Australiennes*. Paris, 3 vols. [Natural History of Rottnest I. discussed vol. 1, pp. 187-190.]

Rayment, T. (1934).—Contributions to the fauna of Rottnest Island. 8. Apoidea. *J. Roy. Soc. W. Aust.* 20: 201-212.

Reid, D. (1949).—Crested Terns and Silver Gulls nesting at Green Island, Rottnest. *W. Aust. Nat.* 2: 21.

—(1950).—Nesting of the Pied Cormorant off Rottnest I. *W. Aust. Nat.* 2: 69. [Dyer's I.]

Roewer, C. F. (1929).—Contributions to the fauna of Rottnest Island. No. 5 Opiliones in the Western Australian Museum. *J. Roy. Soc. W. Aust.* 15: 95-98.

Sadleir, R. M. (1958).—An observation on the drinking of *Trachysaurus rugosus*. *W. Aust. Nat.* 6: 152-153.

Sedgwick, E. H. (1958).—The introduced Turtledoves in Western Australia. *W. Aust. Nat.* 6: 112-127. [Status of *Streptopelia chinensis* and *S. senegalensis* reviewed.]

Serventy, D. L. (1929).—Records of Cladocera (Crustacea) from the south-west province of Australia. *J. Roy. Soc. W. Aust.* 15: 63-69. [Records *Daphnia thomsoni* describes *Daphniopsis pusilla* from Rottnest I.]

—(1938).—Birds of the islands off Fremantle, Western Australia. *Emu* 37: 265-268. [Breeding and visiting land birds listed.]

—(1948).—The birds of the Swan River District, Western Australia. *Emu* 47: 241-236. [Rottnest species included.]

—(1949).—The spread of the Mediterranean snail (*Helix pisana*) on Rottnest Island. *W. Aust. Nat.* 2: 38-42, maps. [Introduced between 1925 and 1927; distributional surveys of 1936 and 1947 mapped. Competition with native *Bothriembryon bulla* discussed.]

—(1951).—Inter-specific competition on small islands. *W. Aust. Nat.* 3: 59-60. [Discussion of distribution problems of macropod marsupials on Rottnest and Garden Is. and the survival of only one species on each.]

Serventy, D. L. and Storr, G. M. (1959).—The spread of the Mediterranean Snail on Rottnest Island—Part II. *W. Aust. Nat.* 6: 193-196.

Serventy, V. N. (1950).—Fairy Terns on Rottnest Island. *W. Aust. Nat.* 2: 126-128 (map.)

Serventy, W. R. (1947).—Wedge-tailed Shearwater at Rottnest I. *W. Aust. Nat.* 1: 44. [*Puffinus pacificus* recorded breeding on Green I.]

Sharman, G. B. (1954).—The relationships of the quokka (*Setonix brachyurus*). *W. Aust. Nat.* 4: 159-168. [Anatomy; measurements of skulls.]

—(1955a).—Studies on marsupial reproduction II. The oestrous cycle of *Setonix brachyurus*. *Aust. J. Zool.* 3: 44-55.

—(1955b).—Studies on marsupial reproduction III. Normal and delayed pregnancy in *Setonix brachyurus*. *Aust. J. Zool.* 3: 56-70.

Somerville, W. (1949).—"Rottnest Island." (Rottnest Board of Control.)

Stokes, J. L. (1846).—"Discoveries in Australia." London. [Vol. 11, p. 128, *et seq.*, brief description of the environment in 1840 and 1843.]

Storr, G. M. (1957).—Second record of a Gannet ringed in New Zealand. *W. Aust. Nat.* 5: 230-231. [*Sula sula* ringed as fledgling in Hauraki Gulf, N.Z., hatched in November, 1955; recovered Strickland Bay November 1956; apparently came ashore during previous month.]

Storr, G. M. and Dunnet, G. M. (1955).—Fork-tailed Swifts over Cockburn Sound and Rottnest Island. *W. Aust. Nat.* 5: 22-23. [*Apus pacificus*.]

Teichert, C. (1950).—Late Quaternary changes of sea-level at Rottnest Island, Western Australia. *Proc. Roy. Soc. Vict.* 59: 63-79.

Teichert, C. and Serventy, D. L. (1947).—Deposits of shells transported by birds. *Amer. J. Sci.* 245: 322-328. [Shell middens of *Gibianus pacificus* on Rottnest I. which might be mistaken for marine shell beds.]

Thomson, J. M. (1951).—The fauna of Rottnest Island X. Anthuridae. *J. Roy. Soc. W. Aust.* 35: 1-8.

Waring, H., Sharman, G. B., Lovat, D. and Kahan M. (1955).—Studies on marsupial reproduction I. General features and techniques. *Aust. J. Zool.* 3: 34-43. [*Setonix brachyurus*.]

Wheeler, W. M. (1934).—Contributions to the fauna of Rottnest Island, Western Australia. No. 9—The ants. *J. Roy. Soc. W. Aust.* 20: 137-163.

Whittell, H. M. (1941).—A review of the work of John Gilbert in Western Australia. *Emu* 41: 112-129. [Refers to a visit to Rottnest by John Gilbert, James Drummond and Ludwig Preiss in 1839.]

Whitlock, F. Lawson (1947).—Cuckoo Bees (*Crocisa*) at Bunbury. *W. Aust. Nat.* 1: 44-45.

Williams, G. (1940).—Contributions to the fauna of Rottnest Island. 11.—Pycnogonida of Western Australia. *J. Roy. Soc. W. Aust.* 25: 197-205.

*Theses lodged at the Department of Zoology, University of Western Australia.*

Bentley, P. (1953).—Some aspects of the water metabolism and kidney histology of the marsupial (*Setonix brachyurus*).

Buttle, J. M. (1951).—Adrenalectomy of the quokka *Setonyx brachyurus*, with particular reference to its effect on serum sodium and potassium levels.

Clarke, J. R. (1950).—Anatomy of the quokka, *Setonyx brachyurus*. Part 1. External morphology and large intestine.

Cohen, J. (1956).—Histological techniques employed in a study of the stomach of the quokka, *Setonyx brachyurus*.

George, R. W. (1959).—The biology of the Western Australian commercial crayfish, *Panulirus longipes*. A study of the taxonomy, ecology, female reproduction, larval development, growth and phylogenetic relationship of the *P. longipes*.

Ho, D. K. H. (1957).—Blood volume of the quokka, *Setonyx brachyurus* using Evans blue dye, T.-1824.

Marsh, L. (1955).—Ecology of the Western Australian limestone reefs.

Sadleir, R. M. (1958).—Comparative aspects of the ecology and physiology of the Rottnest and Byford populations of the quokka, (*Setonyx brachyurus* Quoy and Gaimard).

Saunders, L. (1958).—Marsupial serology.

Shield, J. W. (1958).—Aspects of field ecology of the quokka.

Storr, G. M. (1957).—Quokkas and the vegetation of Rottnest Island.

Storr, G. M. (1958).—Microscopic analysis of faeces and its application in a study of the diet of quokkas on the west end of Rottnest.

Wilson, A. M. (1957).—Anatomy of the quokka. Part II. The musculature and skeleton.

*Thesis lodged at the Department of Botany, University of Western Australia.*

Smith, G. G. (1952).—A contribution to the algal ecology of the Cockburn Sound and Rottnest areas.

## List of Research Workers and Other Persons Mentioned in Reports

Arnold, Jennifer M., B.Sc. (W.A.) Dept of Land Research and Regional Survey, Canberra. (R.S., Z.D., U.W.A.)

Barker, Jennifer M., M.Sc. (W.A.) Senior Tutor, Physiology Dept., U.W.A.

Barker, S., B.Sc. (W.A.) Rockefeller Fellow, Z.D., U.W.A.

Bartholemew, G. A., Ph.D. (Harvard) Professor of Zoology, University of California. (Fulbright Fellow, Z.D., U.W.A.)

Bennetts, W. H., D.V.Sc. (Melb.) Principal, Animal Health and Nutrition Laboratory, Dept. of Agriculture, Perth.

Bentley, P. J., B.Sc. (W.A.) Lecturer, Physiology Dept., U.W.A.

Bowen, B. K., B.Sc. (W.A.) R.O., State Fisheries Dept., W.A. Secretary, Rottnest Biological Station Committee.

Calaby, J. C., R.O., C.S.I.R.O., Wildlife Survey, Canberra. A.C.T. (Z.D., U.W.A.)

Churchill, D. M., B.Sc. (W.A.) R.S., Botany Dept., U.W.A.

Cohen, June, B.Sc. (W.A.). (R.S., Z.D., U.W.A.)

Collin, R., M.Sc., M.B., B.S. (Syd.), B.Sc. (Oxon.) Senior Lecturer, Physiology Dept., U.W.A.

Dunnet, G. M., B.Sc., Ph.D. (Aber.) Lecturer, Dept. of Zoology, Marischall College, Aberdeen, Scotland. (R.O., C.S.I.R.O., Wildlife Survey, W.A.)

Eadie, J. F., B.Sc. (W.A.). (R.S., Z.D., U.W.A.)

Edward, D. H. D., B.Sc. (W.A.) R.S., Z.D., U.W.A.

Finch, M. Eileen, M.Sc. (W.A.) Lecturer, Z.D., U.W.A.

Fraser, A. J., Director of Fisheries, Chief Warden of Fauna, Dept. of Fisheries and Game, W.A. Chairman, Rottnest Biological Station Committee.

George, R. W., B.Sc. (W.A.), Ph.D. (W.A.) Assistant Curator, W.A. Museum, in charge of Invertebrates. (R.O., C.S.I.R.O., Division of Fisheries and Oceanography, W.A.) Member, Rottnest Biological Station Committee.

Glauert, L., B.A. (W.A.) Director of the W.A. Museum until 1957.

Glenister, B. F., B.Sc. (W.A.), M.Sc. (Melb.) Ph.D. (Iowa) Senior Lecturer, Geology Dept., U.W.A.)

Green, J., B.Sc. (Adel.) Curator of Herbarium, University of New England, Armidale, N.S.W. (Asst. Government Botanist, Dept. of Agriculture, W.A.)

Harris, A. C., Conservator of Forests, Forests Dept., Perth.

Hassell, C. W., B.Sc. (W.A.) R.S., Geology Dept., U.W.A.

Herrick, E. H., B.Sc. (Kans.), Ph.D. (Harvard) Professor of Zoology, University of Kansas. (Fulbright Fellow, U.W.A.)

Ho, Dorothy, B.Sc. (W.A.) Dietician, Royal Perth Hospital. (R.S., Z.D., U.W.A.)

Hodgkin, E. P., B.Sc. (Manc.), D.Sc. (W.A.) Reader, Z.D., U.W.A. Member, Rottnest Biological Station Committee.

Kahan, Margaret, B.Sc. (W.A.). (R.S., Z.D., U.W.A.)

Kaldor, I., M.D. (Budapest) Senior Lecturer Physiology Dept., U.W.A.

Kelly, L., M.L.A. Minister for Fisheries, W.A. 1953-1959, and Chairman, Rottnest Island Board.

Kirk, R. L., M.Sc. (Birm.), D.Sc. (W.A.) Reader, Z.D., U.W.A.

Kneebone, E. W. S., B.Sc. (W.A.) R.S., Geology Dept., U.W.A.

Lee, A. K., B.Sc. (W.A.) Z.D., University of California, Los Angeles. (R.S., Z.D., U.W.A.)

Littlejohn, M. J., B.Sc., Ph.D. (W.A.) Z.D., University of Texas; as of Oct. 1959 Z.D., University of Melbourne. (R.S., Z.D., U.W.A.)

Lovatt, Dorothy, B.Sc. (W.A.). (R.S., Z.D., U.W.A.)

Main, A. R., B.Sc., Ph.D. (W.A.) Senior Lecturer, Z.D., U.W.A.

Main, Barbara A., B.Sc., Ph.D. (W.A.) R.S., Z.D., U.W.A.

Malcolm, W. B., B.Sc. (Syd.), Ph.D. (W.A.) R.O., C.S.I.R.O., Division of Fisheries and Oceanography, Cronulla, N.S.W. (at Z.D., U.W.A.)

Moir, R. J., B.Sc. (Agric.) (W.A.) Senior Lecturer, Institute of Agriculture, U.W.A.

Marsh, Loisette M., M.A. (W.A.) R.S., Z.D., U.W.A.

Milward, N. C., B.Sc. (W.A.) R.S., Z.D., U.W.A.

Nicholls, G. E. (Deceased), D.Sc. (Lond.), A.R.C.S., Professor of Biology, U.W.A. 1921 to 1947.

Perry, D. H., Officer-in-Charge, Metropolitan District, Forests Dept., W.A.

Royce, R. D., B.Sc. (Agric.) (W.A.) Senior Government Botanist, Dept. of Agriculture, W.A.

Rudeforth, B. F., B.Sc. (W.A.) Laboratory Manager, Z.D., U.W.A.

Sadleir, R. M., B.Sc. (W.A.) R.S., Z.D., U.W.A.

Saunders, Lynette M., B.Sc. (W.A.) R.S., Z.D., U.W.A.

Serventy, D. L., B.Sc. (W.A.), Ph.D. (Cantab.) Principal Research Officer, C.S.I.R.O., Wildlife Survey Section, W.A.

Sharman, G. B., B.Sc. (Tas.) Senior Lecturer, Z.D., University of Adelaide. (Nuffield Research Fellow, Z.D., W.A.)

Sheard, K., D.Sc. (W.A.) Senior Research Officer, C.S.I.R.O., Division of Fisheries and Oceanography, W.A., Member, Rottnest Biological Station Committee.

Shield, J. W., M.Sc. (W.A.), Ph.D. (W.A.) Senior Lecturer, Z.D., U.W.A.

Stark, J., Secretary, Rottnest Island Board.

Sten, T., B.A., O.B.E., Dip. Ed., M.A. (W.A.) Member of Rottnest Board and formerly Superintendent of Teacher Training, W.A., Member, Rottnest Biological Station Committee.

Storr, G. M., B.Sc. (W.A.) R.S., Z.D., U.W.A.

Summers, Margaret E., B.Sc. (W.A.) Pathology Dept., Fremantle Hospital. (R.S., Z.D., U.W.A.)

Waring, H., M.Sc. (Liv.), D.Sc. (Aber.), F.A.A., Professor of Zoology, U.W.A.

Watson, J. A. L., B.Sc. (W.A.) Z.D., University of Cambridge. (R.S., Z.D., U.W.A.)

Woolley, G., M.Sc. (W.A.) R.O., Physiology Dept., U.W.A.

Woolley, Patricia A., B.Sc. (W.A.) Research Assistant (C.S.I.R.O.), Z.D., U.W.A.

Abbreviations.—C.S.I.R.O. = Commonwealth Scientific and Industrial Research Organization; R.O. = Research Officer; R.S. = research student; U.W.A. = University of Western Australia; Z.D. = Zoology Department.

In each the present address is given first where that has changed; that during the course of the contribution second, in brackets.